

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number
WO 01/05969 A2

(51) International Patent Classification⁷: C12N 15/12,
5/10, C07K 14/47, 16/18, C12Q 1/68, G01N 33/50, A61K
38/17, A01K 67/027

Sunnyvale, CA 94087 (US). BAUGHN, Mariah, R.
[US/US]; 14244 Santiago Road, San Leandro, CA 94577
(US). LU, Dyung, Aina, M. [US/US]; 55 Park Belmont
Place, San Jose, CA 95136 (US).

(21) International Application Number: PCT/US00/19036

(22) International Filing Date: 12 July 2000 (12.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/143,816 14 July 1999 (14.07.1999) US

(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier application:
US 60/143,816 (CIP)
Filed on 14 July 1999 (14.07.1999)

(71) Applicant (for all designated States except US): INCYTE
GENOMICS, INC. [US/US]; 3160 Porter Drive, Palo
Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LAL, Preeti
[IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US).
TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose,
CA 95118 (US). YUE, Henry [US/US]; 826 Lois Avenue,

(74) Agents: HAMLET-COX, Diana et al.; Incyte Genomics,
Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE,
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— Without international search report and to be republished
upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ELECTRON TRANSFER PROTEINS

(57) Abstract: The invention provides human electron transfer proteins (ETRN) and polynucleotides which identify and encode ETRN. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of ETRN.

20010701 10:00:00

WO 01/05969 A2